

# CHANNEL ASSIGNING DEVICE FOR RADIO NETWORK

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## Abstract of JP11243380

**PROBLEM TO BE SOLVED:** To provide a channel assigning device capable of reducing the multiple access connection interference of CDMA(code division multiple access) and adaptively dealing with to the increase of traffic.  
**SOLUTION:** The traffic monitor part of a host 100 monitors the usage conditions of a time slot in TDMA(time division multiple access) and detects the multiplex number of a spreading code and the positions of respective stations 200(200-1 to 200-7) at every time slot in the radio network of a demand assigning-type CDMA-TDMA such as radio LAN or the like. Then, the channel(the channel is designated by the spreading code for CDMA and the time slot for TDMA) where the multiplex number of the spreading code at every time slot are min. among the channels which are not superimposed on the time slot of the usage channel of another station existing in the neighborhood of the channel request station is assigned to the channel request station based on these pieces of information.

